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Crawford et al.

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(54) **SAFETY BLOOD COLLECTION NEEDLE
DEVICE**

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(**) Term: **14 Years**

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(52) **U.S. Cl.** **D24/130**

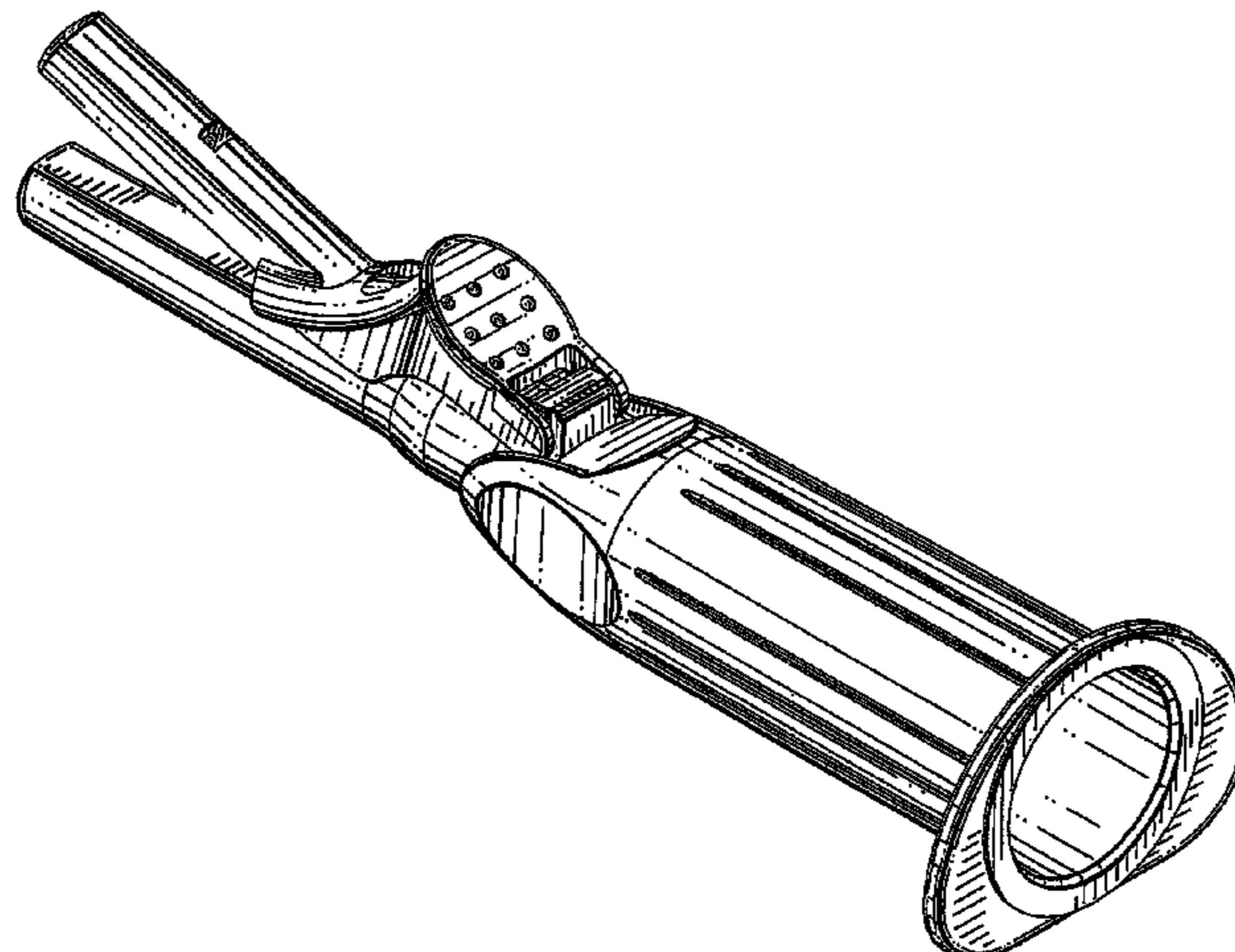
(58) **Field of Classification Search** D24/112,
D24/130, 113, 146; 604/110, 192, 195-196,
604/198, 410, 576-578, 583; 263/363-365
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,573,976 A	3/1986	Sampson et al.
4,641,663 A	2/1987	Juhn
4,795,443 A	1/1989	Permenter et al.
4,840,619 A	6/1989	Hughes
4,894,055 A	1/1990	Sudnak
4,900,307 A	2/1990	Kulli
4,994,046 A	2/1991	Wesson et al.
5,015,241 A	5/1991	Feimer
5,215,534 A	6/1993	De Harde et al.
5,222,502 A	6/1993	Kurose
5,242,417 A	9/1993	Paudler
5,303,713 A	4/1994	Kurose
5,312,372 A	5/1994	DeHarde et al.
5,336,199 A	8/1994	Castillo et al.
5,348,544 A	9/1994	Sweeney et al.
5,356,392 A	10/1994	Firth et al.
5,411,492 A	5/1995	Sturman et al.

5,466,223 A	11/1995	Bressler et al.	
5,501,675 A	3/1996	Erskine	
5,672,161 A	9/1997	Allen et al.	
5,676,658 A	10/1997	Erskine	
5,702,369 A	12/1997	Mercereau	
5,704,920 A	1/1998	Gyure	
5,755,522 A	5/1998	Ito	
5,984,899 A	11/1999	D'Alessio et al.	
D422,700 S	4/2000	Crawford et al.	
6,149,629 A	11/2000	Wilson et al.	
D436,169 S *	1/2001	Wilkinson et al.	..... D24/130
D439,975 S *	4/2001	Wilkinson et al.	..... D24/130
D440,657 S *	4/2001	Wilkinson et al.	..... D24/130
D442,280 S	5/2001	Crawford et al.	
D445,183 S *	7/2001	McWethy et al.	..... D24/130
6,261,263 B1	7/2001	Huet et al.	
6,298,541 B1	10/2001	Newby et al.	
D450,834 S *	11/2001	Newby et al.	..... D24/112
D460,180 S *	7/2002	Swenson	..... D24/130
D460,183 S *	7/2002	Wilkinson et al.	..... D24/130
D461,245 S *	8/2002	Niermann	..... D24/130
6,436,086 B1	8/2002	Newby et al.	
6,440,104 B1	8/2002	Newby et al.	
6,524,276 B1 *	2/2003	Halseth et al.	..... 604/110
6,533,760 B2	3/2003	Leong	
6,592,556 B1	7/2003	Thorne	
6,623,456 B1	9/2003	Holdaway et al.	
6,635,032 B2	10/2003	Ward, Jr.	
6,648,855 B2	11/2003	Crawford et al.	
D484,976 S *	1/2004	Wilkinson	..... D24/130
6,699,217 B2	3/2004	Bennett et al.	
6,712,792 B2	3/2004	Leong	
6,780,169 B2	8/2004	Crawford	
6,837,877 B2	1/2005	Zurcher	
6,869,415 B2	3/2005	Asbaghi	
6,905,483 B2 *	6/2005	Newby et al.	..... 604/164.08
6,949,086 B2 *	9/2005	Ferguson et al.	..... 604/198
6,984,223 B2 *	1/2006	Newby et al.	..... 604/263
6,997,913 B2 *	2/2006	Wilkinson	..... 604/263
7,001,363 B2	2/2006	Ferguson et al.	
7,041,066 B2 *	5/2006	Wilkinson	..... 600/576
7,063,673 B2 *	6/2006	Marsden	..... 600/576
7,128,726 B2	10/2006	Crawford et al.	
7,147,624 B2	12/2006	Hirsiger et al.	
7,163,526 B2	1/2007	Leong et al.	
7,182,734 B2 *	2/2007	Saulenas et al.	..... 600/573
7,198,618 B2 *	4/2007	Ferguson et al.	..... 604/198
7,201,740 B2 *	4/2007	Crawford	..... 604/198
7,223,258 B2	5/2007	Crawford	



7,428,773	B2	9/2008	Newby et al.	
2002/0151852	A1	10/2002	Crawford et al.	
2002/0151853	A1	10/2002	Crawford	
2002/0156425	A1	10/2002	Crawford et al.	
2002/0161336	A1	10/2002	Crawford et al.	
2002/0193748	A1	12/2002	Cocker et al.	
2003/0093009	A1 *	5/2003	Newby et al.	600/576
2004/0010228	A1 *	1/2004	Swenson et al.	604/110
2004/0059302	A1	3/2004	Crawford et al.	
2004/0092872	A1	5/2004	Botich et al.	
2004/0111057	A1 *	6/2004	Wilkinson	604/110
2004/0193120	A1 *	9/2004	Ferguson et al.	604/263
2004/0210197	A1 *	10/2004	Conway	604/198
2005/0004524	A1	1/2005	Newby et al.	
2005/0187493	A1	8/2005	Swenson et al.	
2005/0215951	A1 *	9/2005	Saulenas et al.	604/110
2005/0245879	A9	11/2005	Crawford	
2006/0036219	A1	2/2006	Alvin	
2007/0167914	A1	7/2007	Leong et al.	
2007/0179451	A1 *	8/2007	Sprinkle et al.	604/192
2007/0282275	A1 *	12/2007	Ferguson et al.	604/198

OTHER PUBLICATIONS

United States Application Serial No. 11572220; Filing Date: 2008-08-26; Swenson.

- U.S. Appl. No. 12/044,354, filed Mar. 7, 2008; Tan.
- U.S. Appl. No. 12/044,469, filed Mar. 7, 2008; Crawford.
- U.S. Appl. No. 12/206,273, filed Sep. 8, 2008; Tan.
- U.S. Appl. No. 12/206,299, filed Sep. 8, 2008; Crawford.
- U.S. Appl. No. 29/323,441, filed Aug. 26, 2008; Crawford.
- U.S. Appl. No. 29/323,447, filed Aug. 26, 2008; Crawford.
- U.S. Appl. No. 29/323,452, filed Aug. 26, 2008; Crawford.
- U.S. Appl. No. 29/323,445, filed Aug. 26, 2008; Crawford et al.
- U.S. Appl. No. 29/332,737, filed Feb. 24, 2009; Crawford et al.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a safety blood collection needle device, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a safety blood collection needle device having a needle guard disposed over the needle and a shield in an initial position in accordance with an embodiment of the present invention;

FIG. 2 is a top view of the safety blood collection needle device of FIG. 1;

FIG. 3 is a left side view of the safety blood collection needle device of FIG. 1;

FIG. 4 is a front view of the safety blood collection needle device of FIG. 1;

FIG. 5 is a rear view of the safety blood collection needle device of FIG. 1;

FIG. 6 is a right side view of the safety blood collection needle device of FIG. 1;

FIG. 7 is a bottom view of the safety blood collection needle device of FIG. 1;

FIG. 8 is a perspective view of the safety blood collection needle device of FIG. 1 having the needle guard removed and the shield in a retracted position in accordance with an embodiment of the present invention;

FIG. 9 is a top view of the safety blood collection needle device of FIG. 8;

FIG. 10 is a left side view of the safety blood collection needle device of FIG. 8;

FIG. 11 is a front view of the safety blood collection needle device of FIG. 8;

FIG. 12 is a rear view of the safety blood collection needle device of FIG. 8;

FIG. 13 is a right side view of the safety blood collection needle device of FIG. 8;

FIG. 14 is a bottom view of the safety blood collection needle device of FIG. 8;

FIG. 15 is a perspective view of the safety blood collection needle device of FIG. 1 having the needle guard removed and the shield in a shielded position in accordance with an embodiment of the present invention;

FIG. 16 is a top view of the safety blood collection needle device of FIG. 15;

FIG. 17 is a left side view of the safety blood collection needle device of FIG. 15;

FIG. 18 is a front view of the safety blood collection needle device of FIG. 15;

FIG. 19 is a rear view of the safety blood collection needle device of FIG. 15;

FIG. 20 is a right side view of the safety blood collection needle device of FIG. 15; and,

FIG. 21 is a bottom view of the safety blood collection needle device of FIG. 15.

The portions of the safety blood collection needle device shown in broken lines form no part of the claimed design.

1 Claim, 14 Drawing Sheets

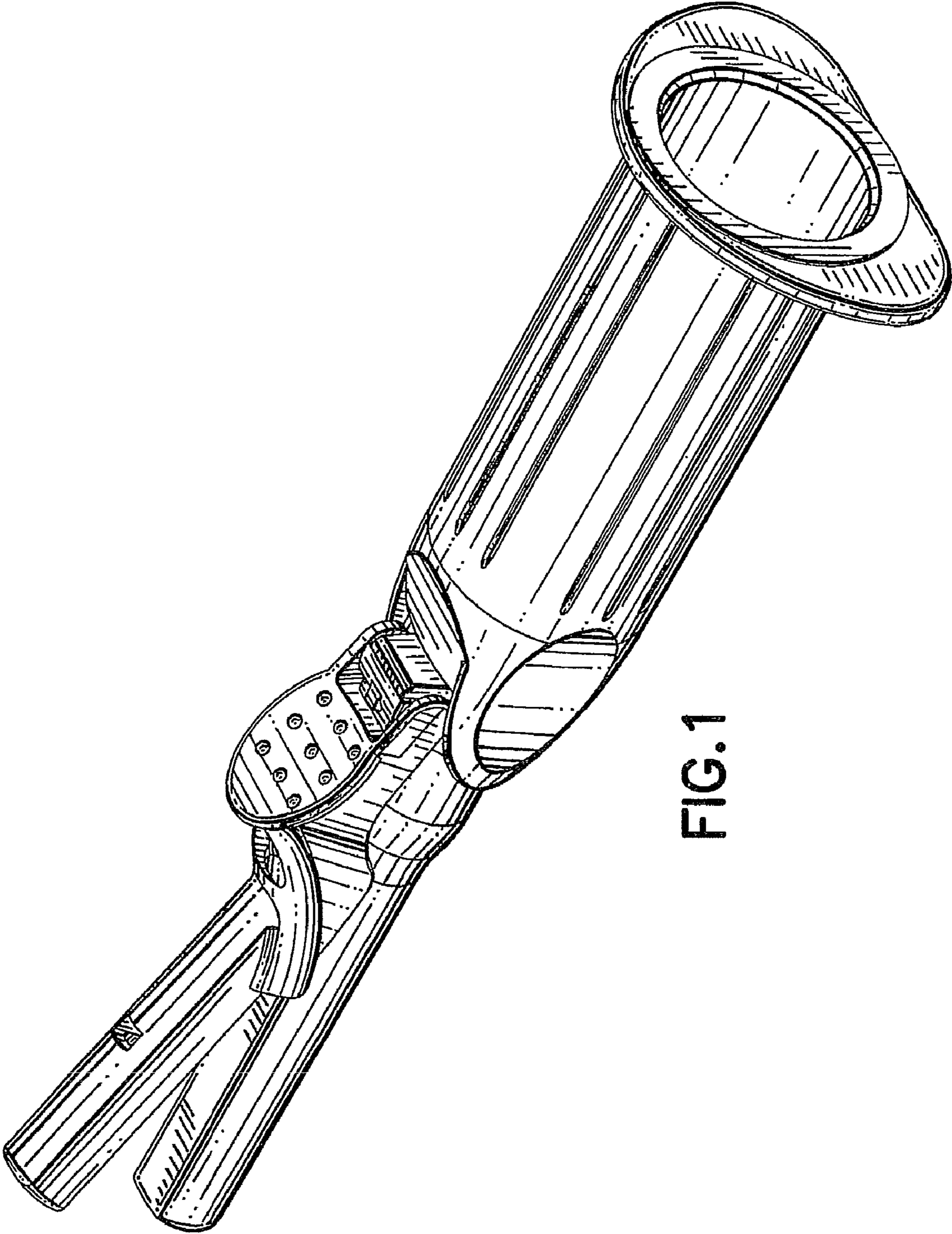


FIG. 1

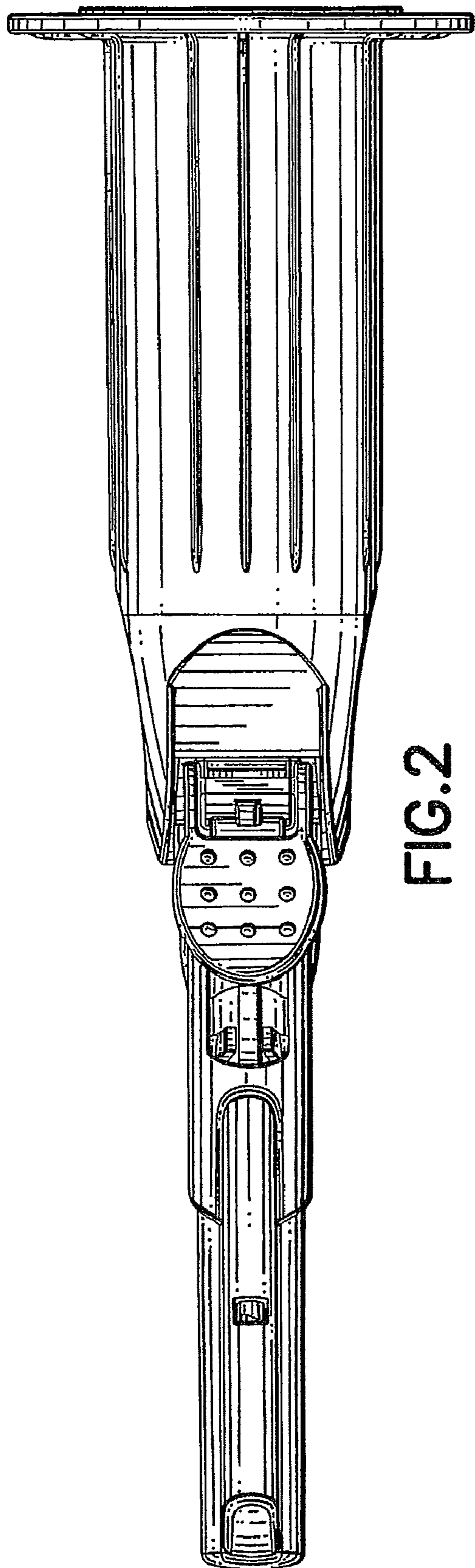


FIG. 2

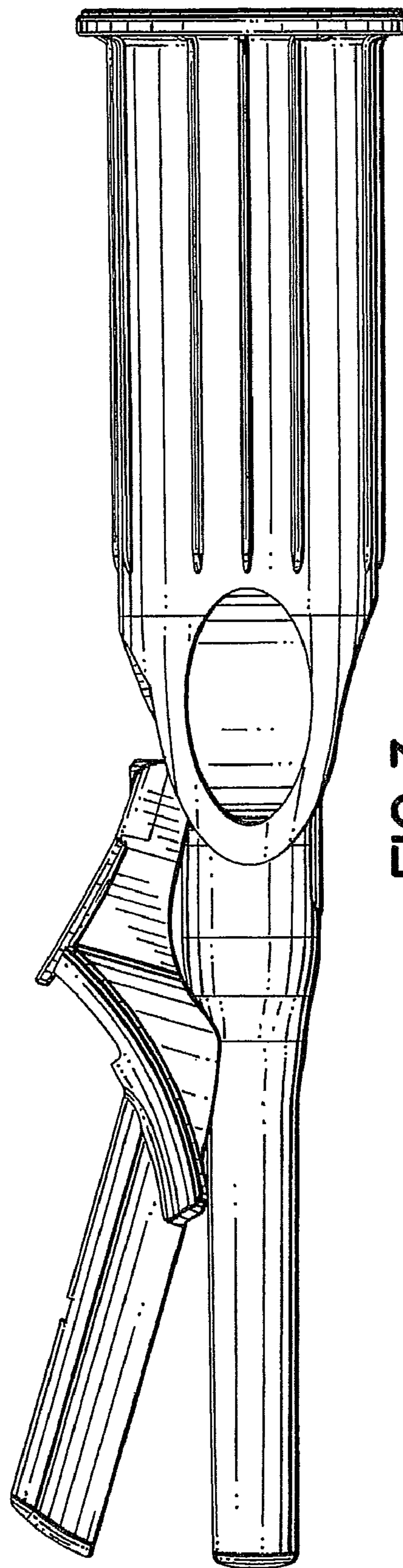


FIG. 3

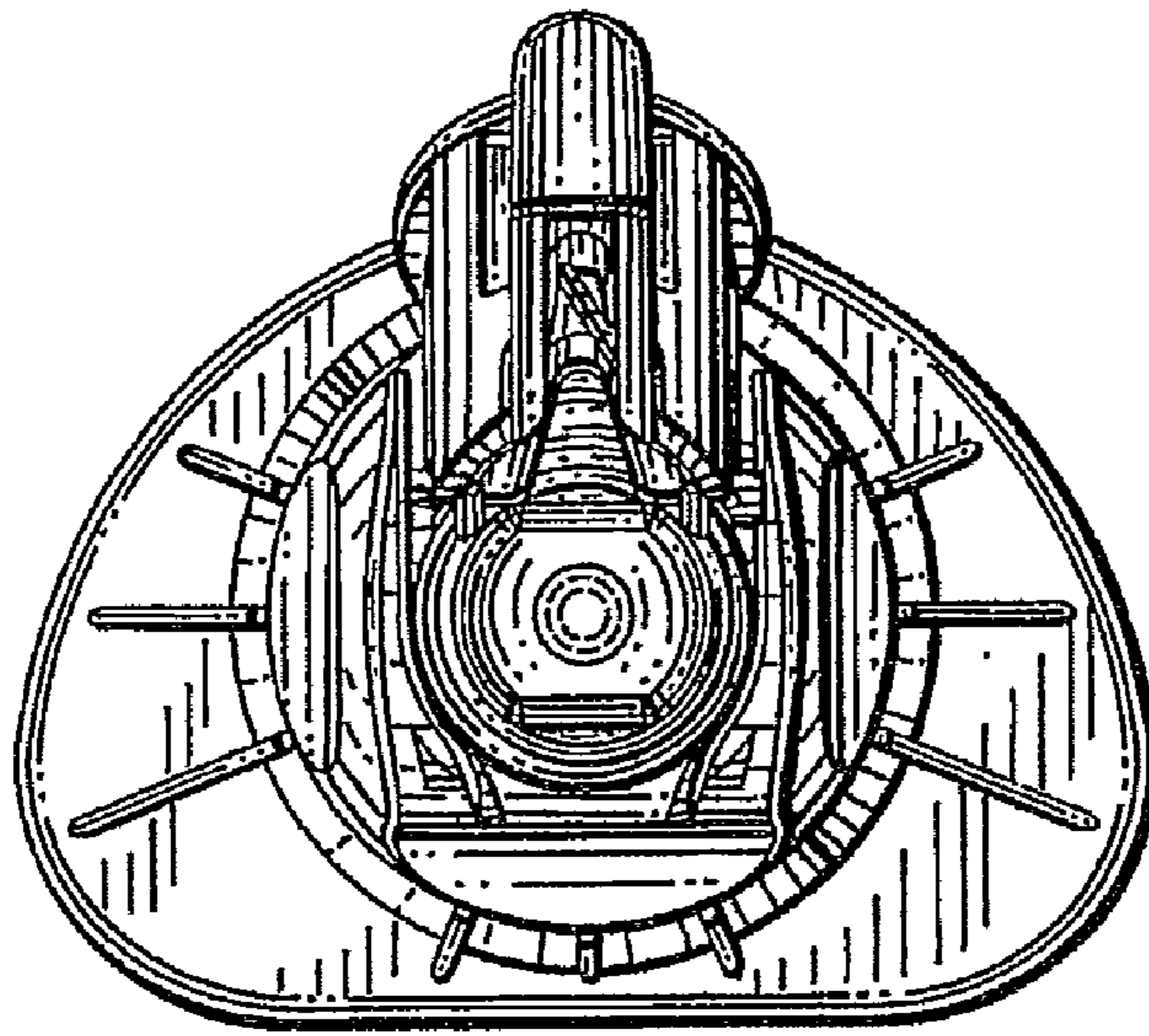


FIG. 4

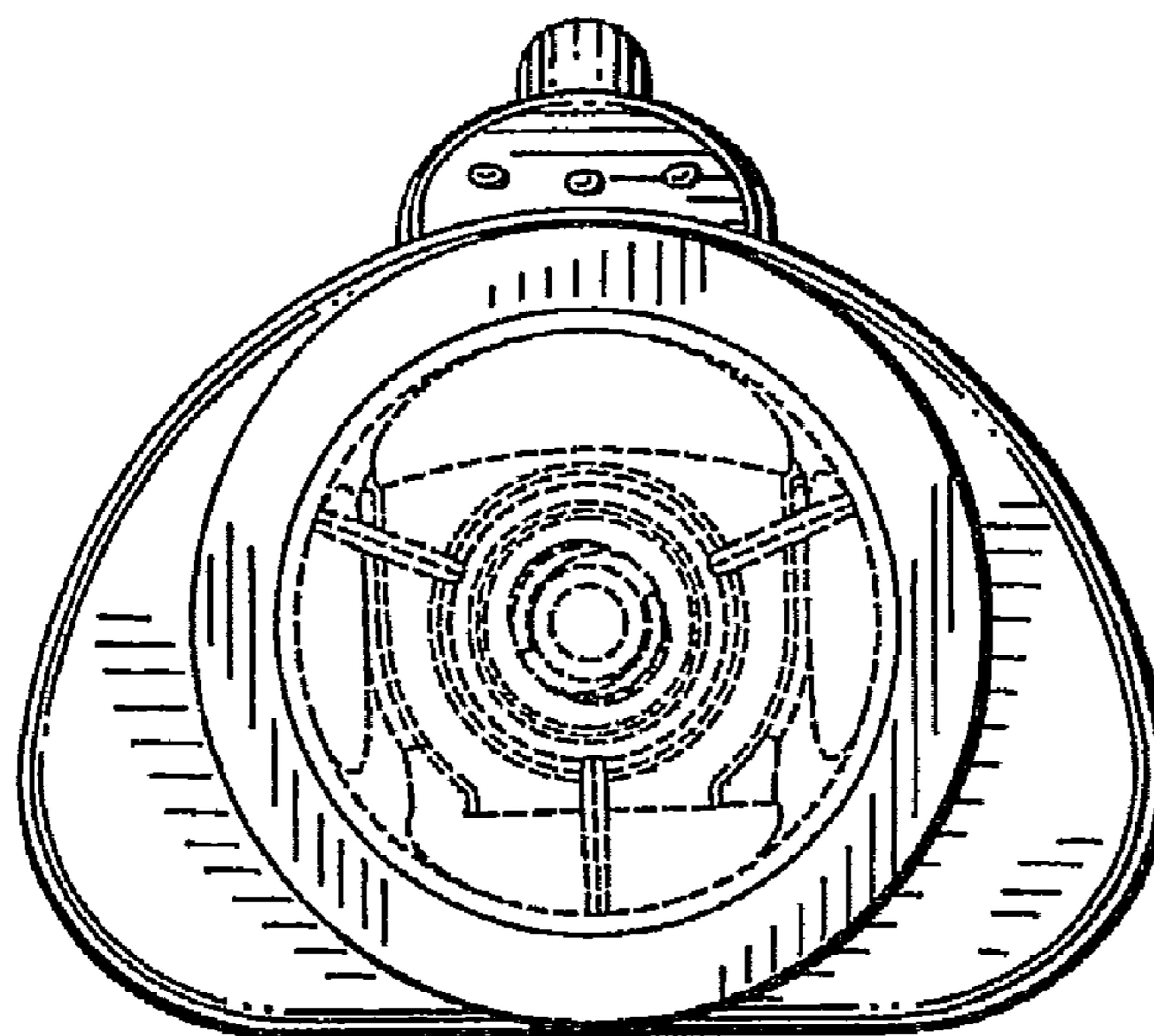


FIG. 5

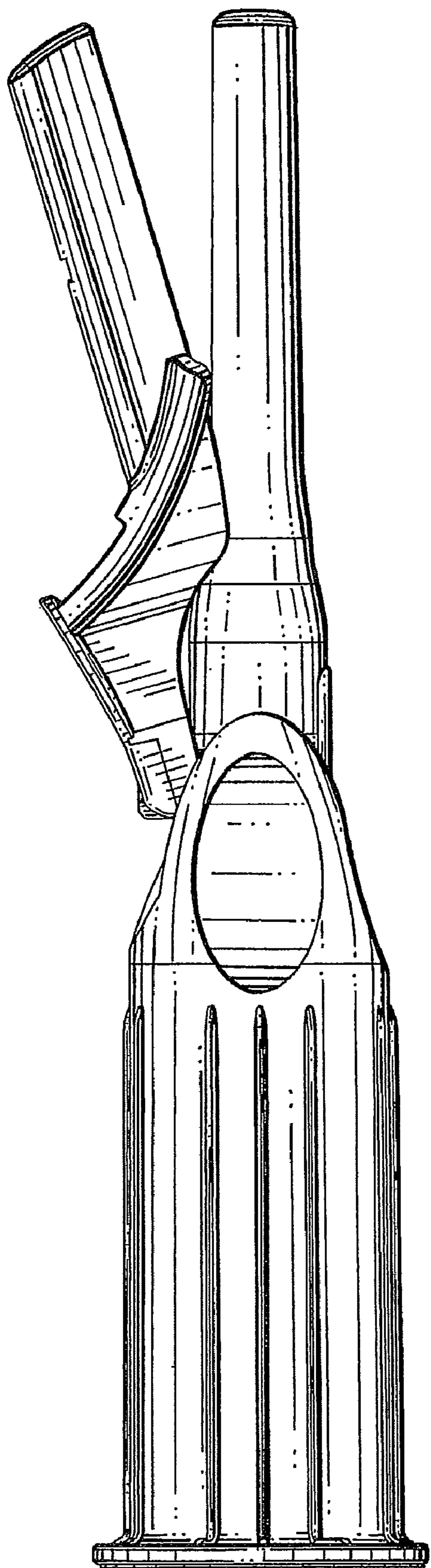


FIG. 6

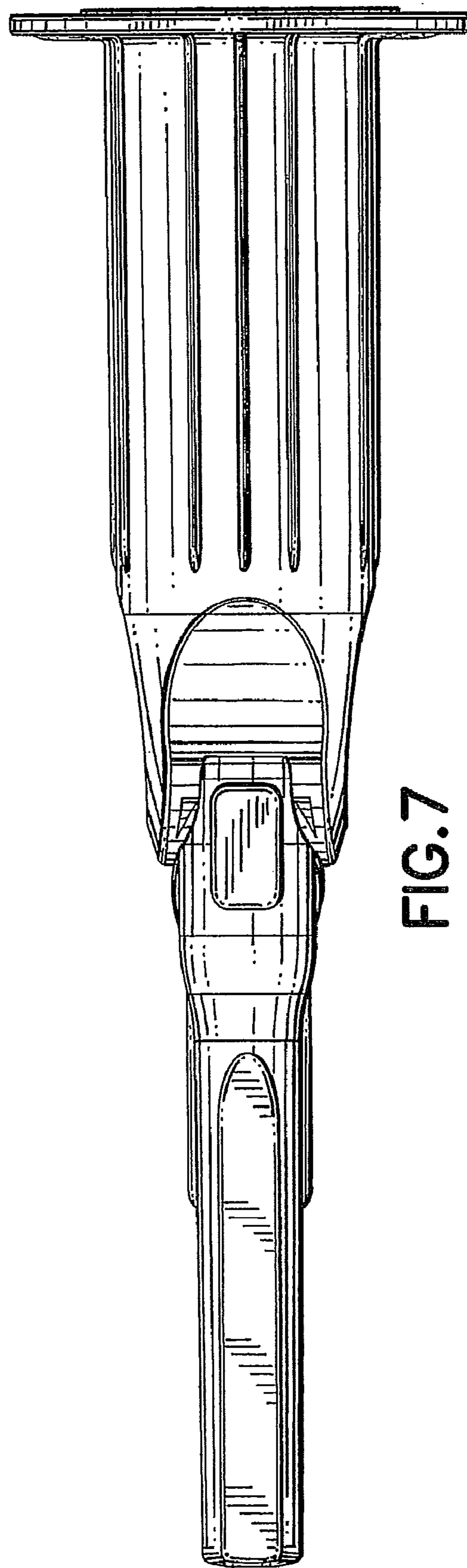


FIG. 7

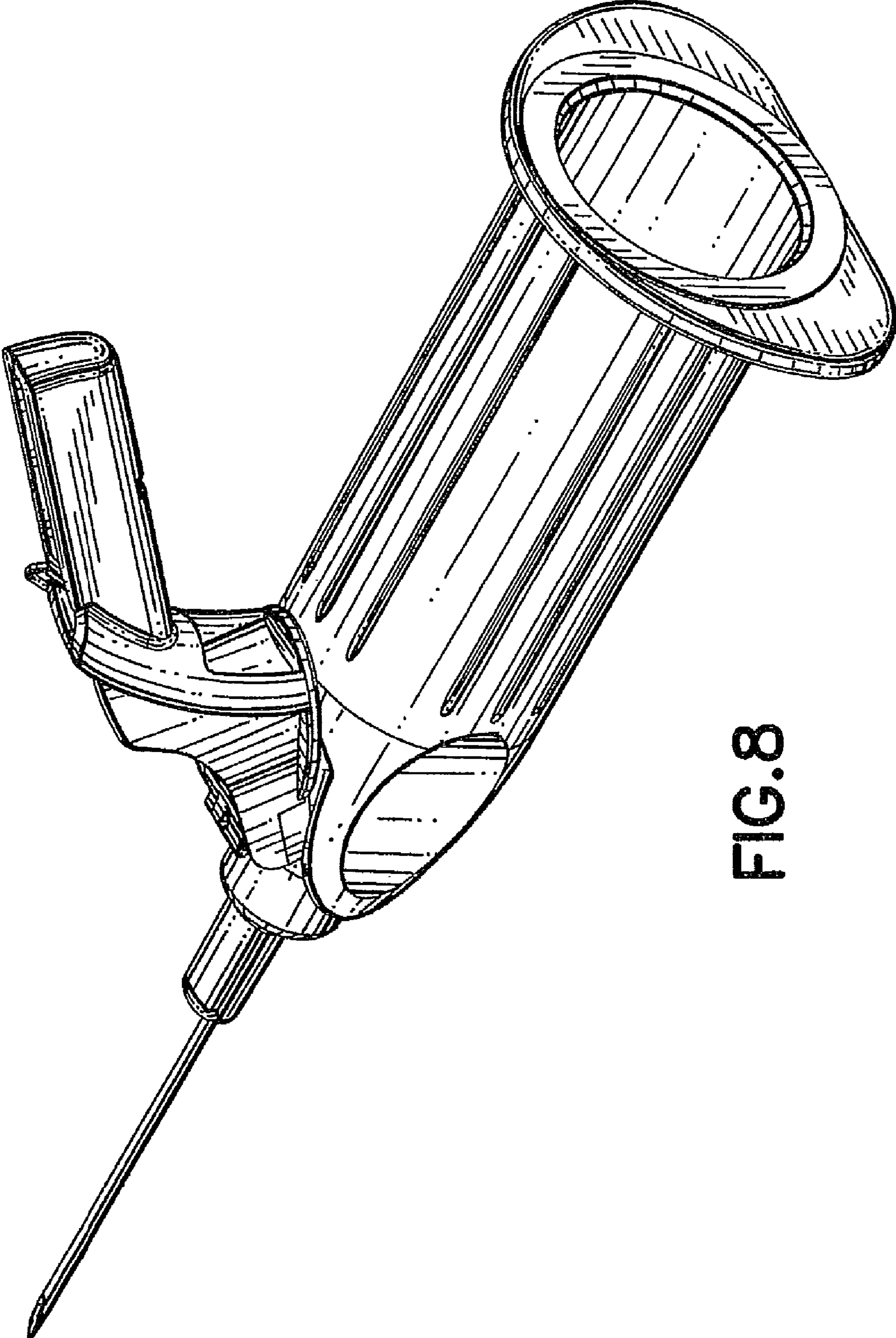


FIG. 8

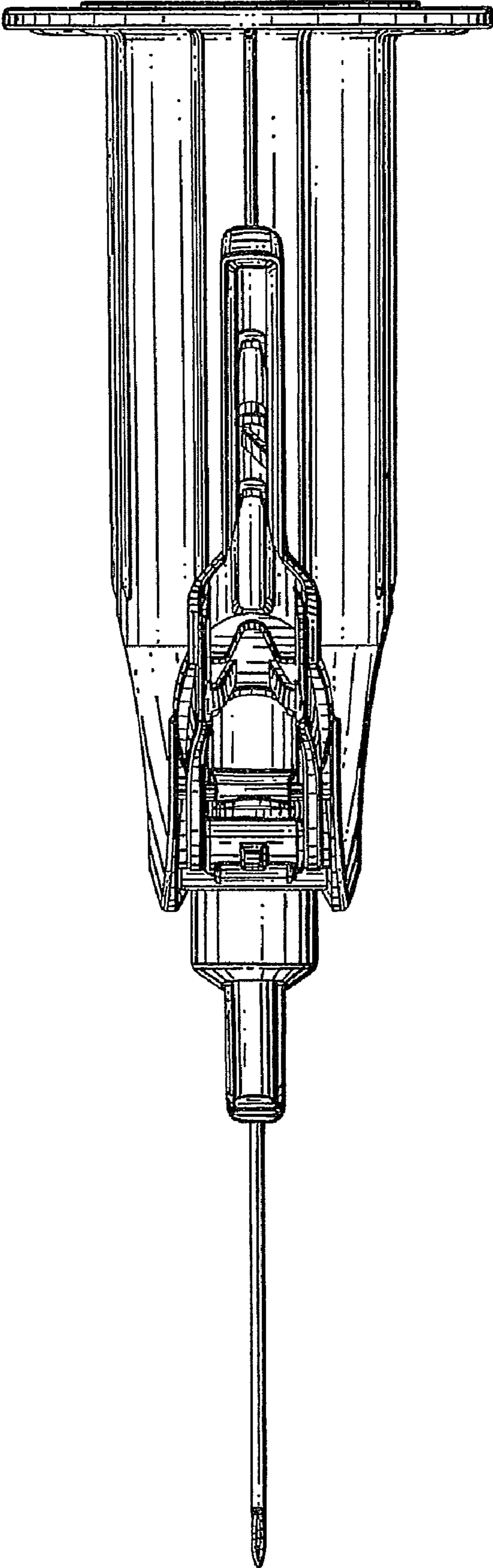


FIG. 9

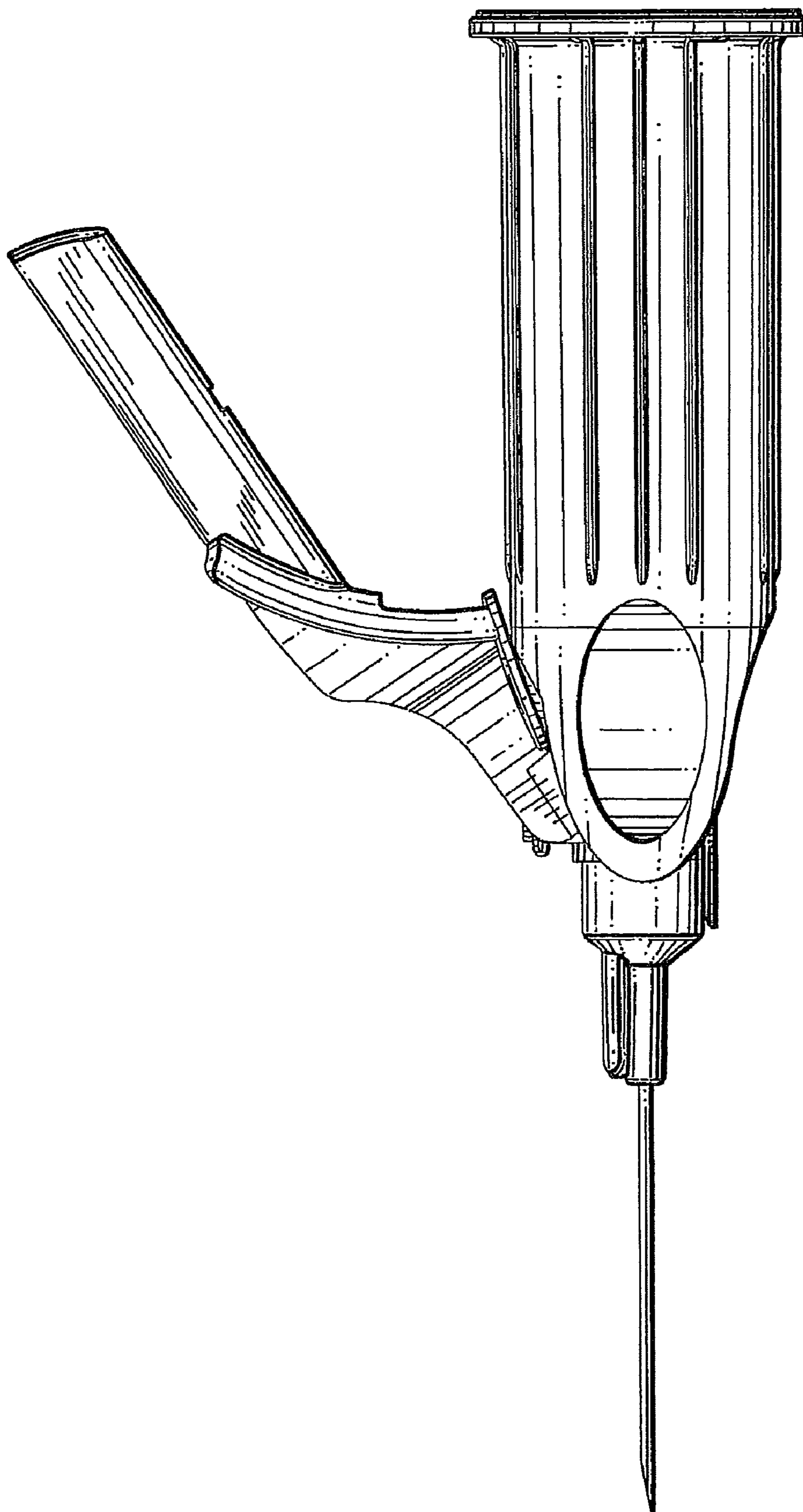


FIG.10

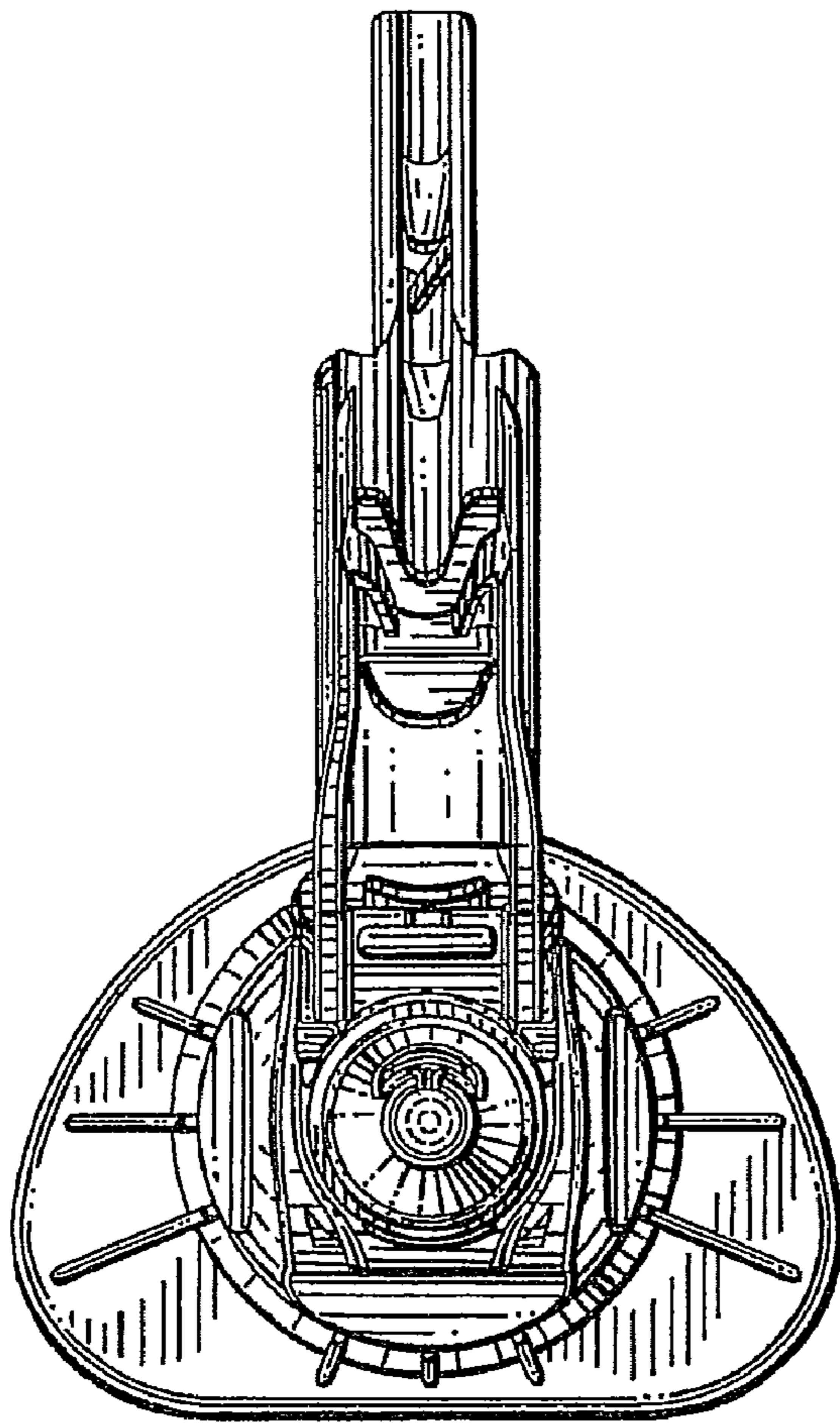


FIG. 11

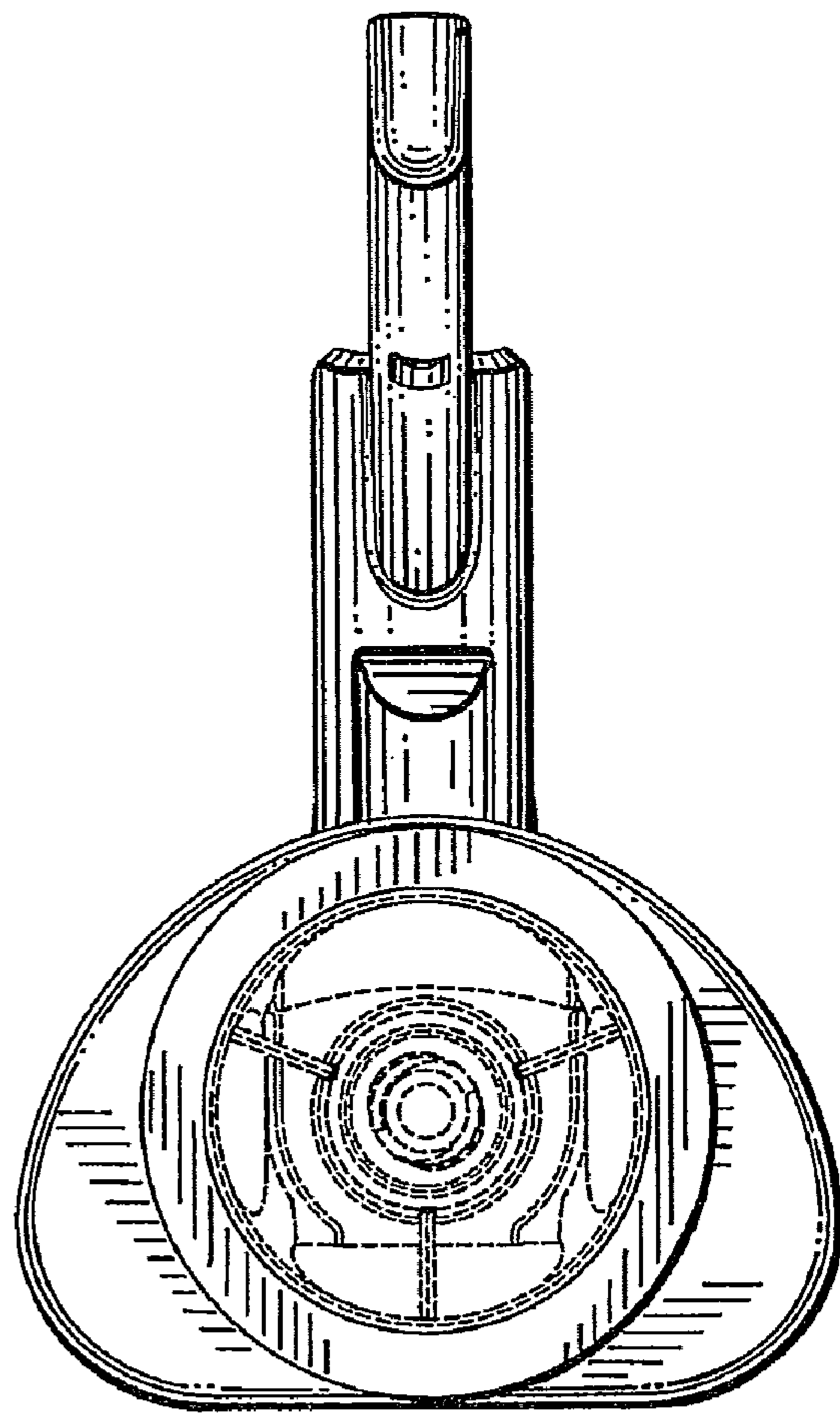


FIG. 12

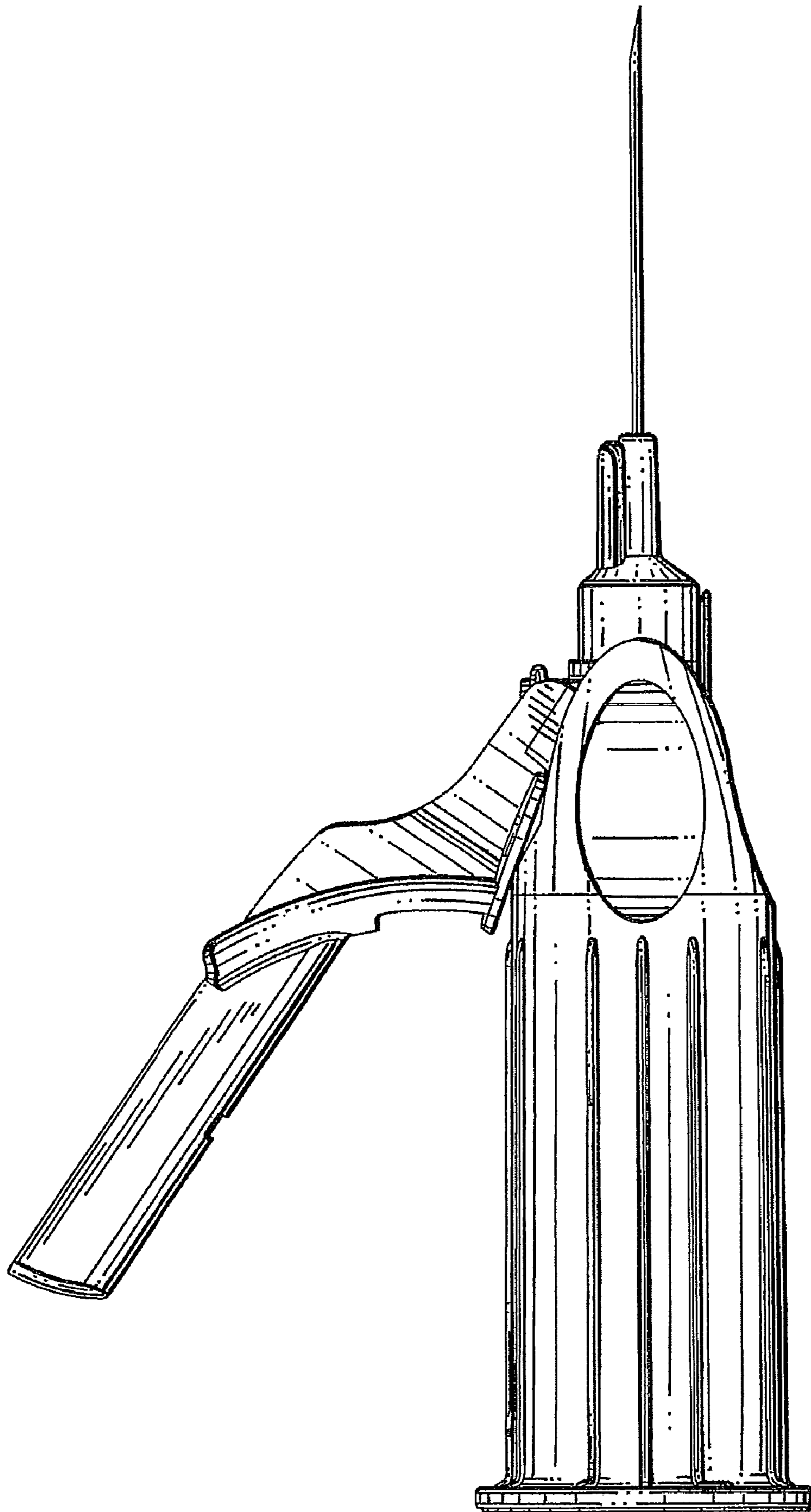


FIG. 13

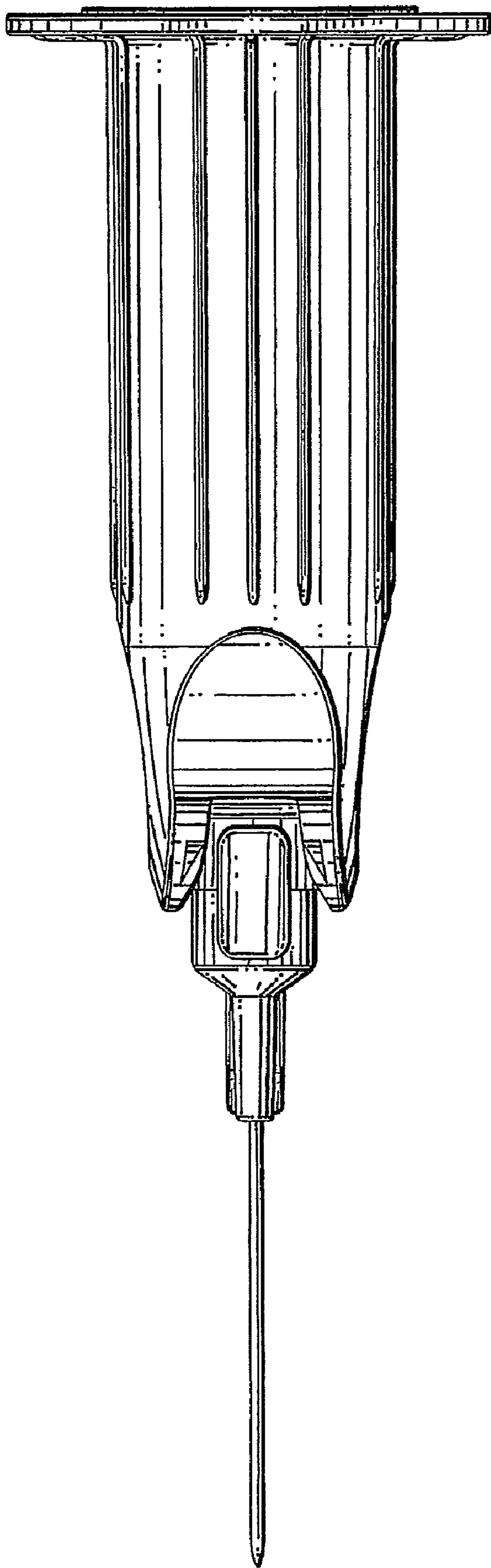


FIG.14

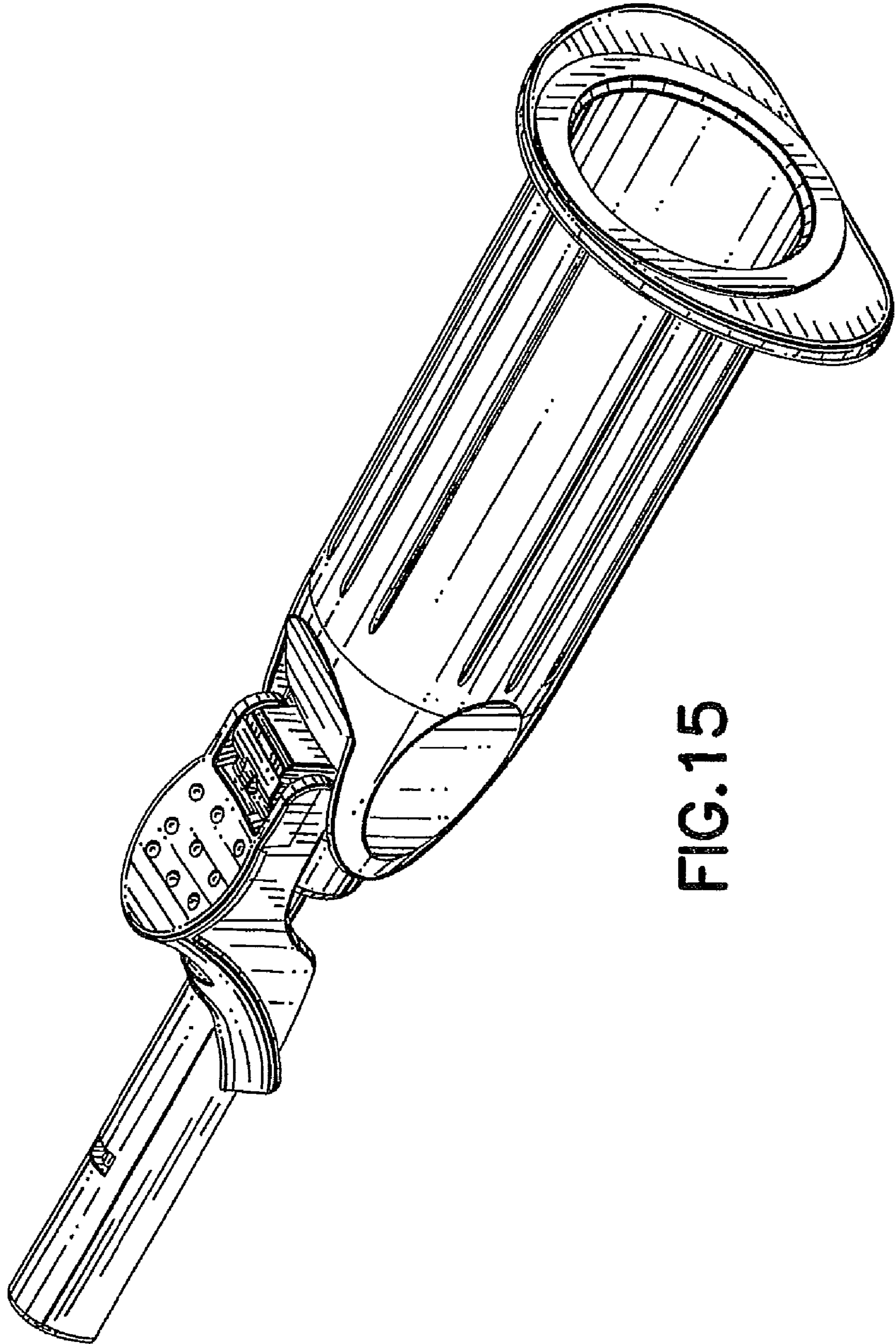


FIG. 15

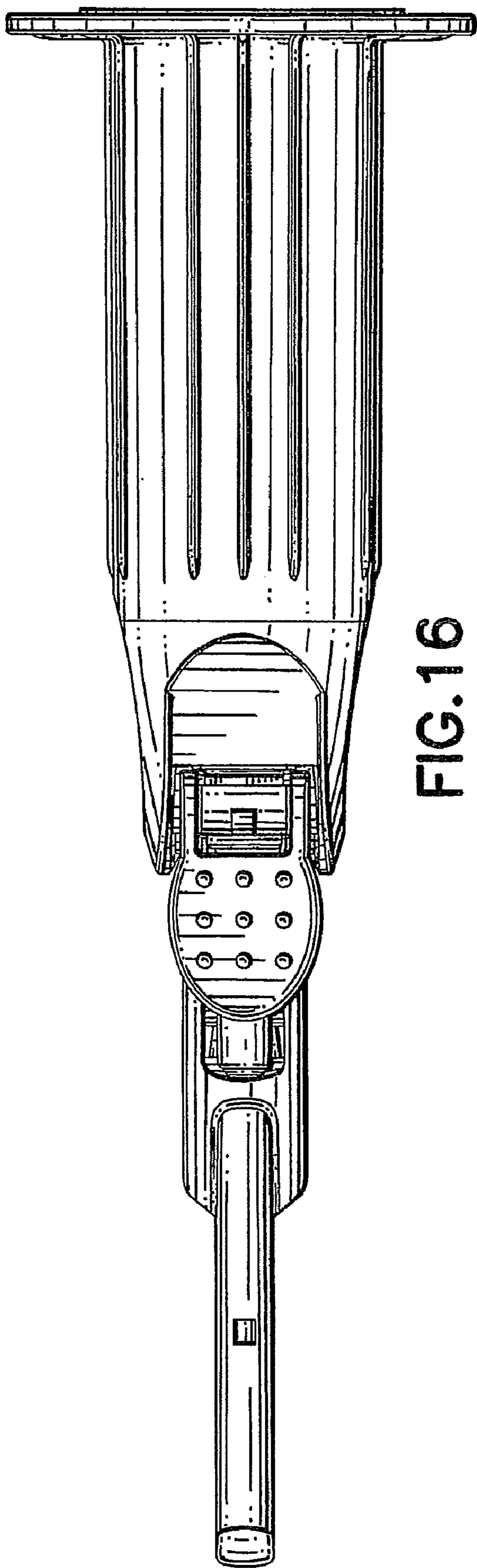


FIG. 16

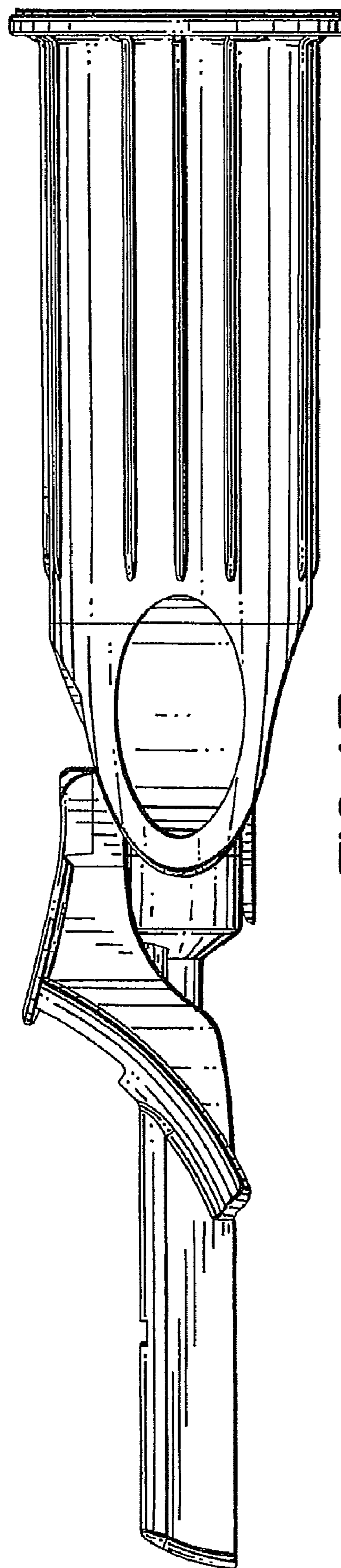


FIG. 17

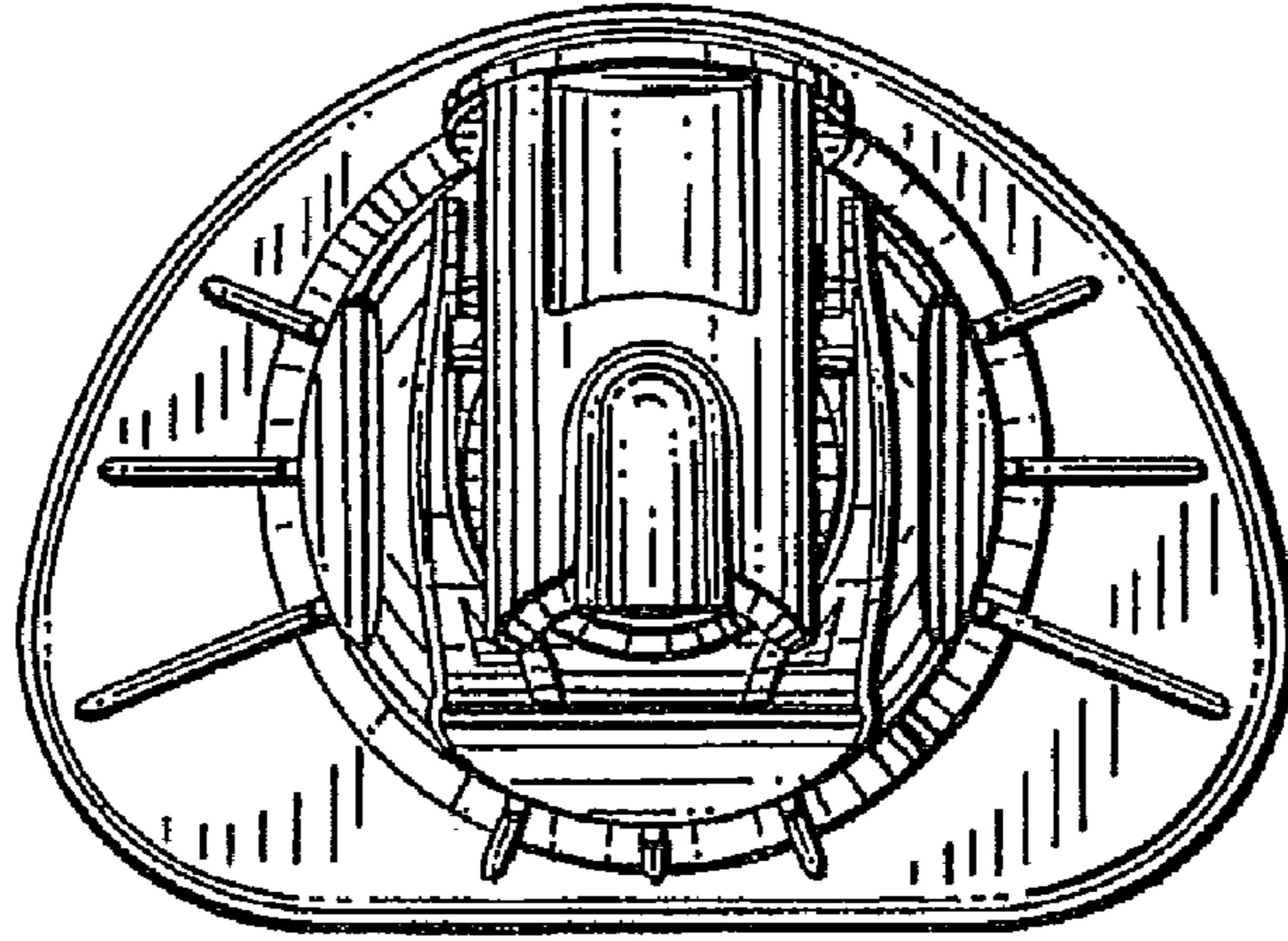


FIG. 18

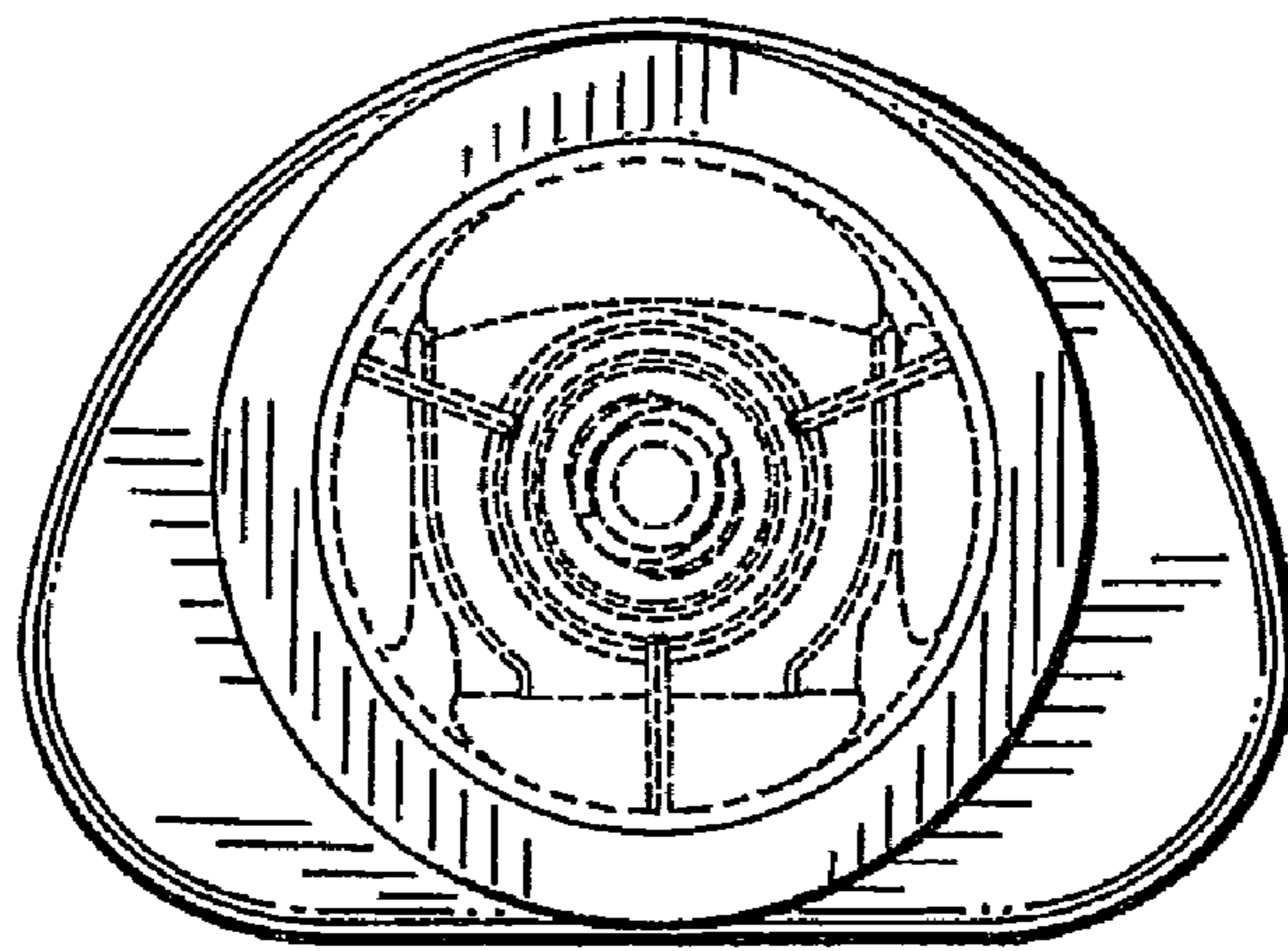


FIG. 19

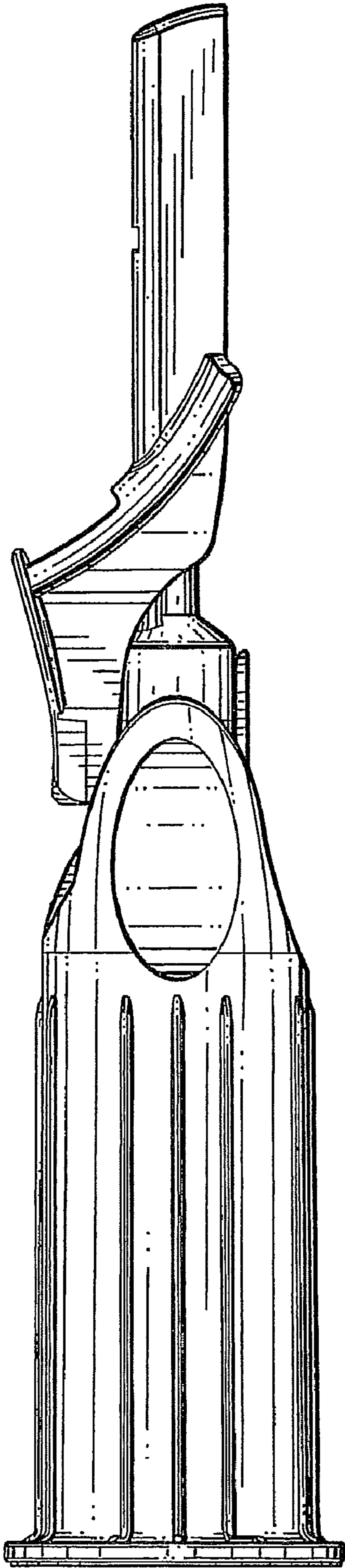


FIG. 20

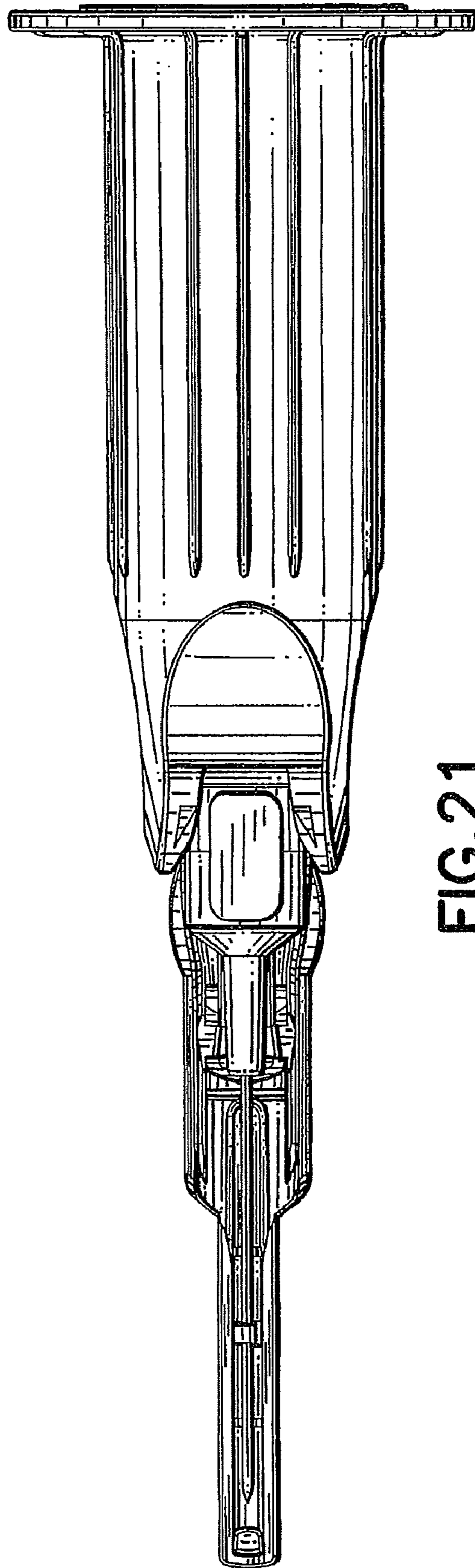


FIG. 21